

WEEM-2019 Programme

TIMETABLE

Sunday 16.06	Monday 17.06	Tuesday 18.06	Wednesday 19.06	Thursday 20.06	Friday 21.06
Arrivals	Breakfast 7.15 - 8.15	Breakfast 7.15 - 8.15	Breakfast 7.15 - 8.15	Breakfast 7.15 - 8.15	Breakfast 7.15 - 8.15
	Subsession I from 8.30	Subsession I from 8.30	Subsession I from 8.30	Subsession I from 8.30	Session 8.30 - 11.20
	Coffee break	Coffee break	Coffee break	Coffee break	
	Subsession II till 12.30	Subsession II till 12.30	Subsession II till 12.30	Subsession II till 12.40	Closing ceremony 11.20 - 11.30
	Lunch break 12.30 - 14.00	Lunch break 12.30 - 14.00	Lunch break 12.30 - 14.00	Lunch break 12.40 - 14.10	Lunch break 11.30 - 12.30
Registration 14.00 - 20.00	Subsession I from 14.00	Subsession I from 14.00	Relaxation/ Excursion 14.00 - 18:30	Subsession I from 14.10	Departures
Welcome cocktail 18.00 - 20.00	Coffee break	Coffee break		Coffee break	
	Subsession II till 18.00	Subsession II till 18.00		Subsession II till 18.00	
Dinner 19.00 - 21.00	Dinner break from 18.00	Dinner break from 18.00		Dinner break from 18.00	
	Oral Poster Session from 19.00	Poster Exposition I from 19.00	Conference Dinner from 19.00	Poster Exposition II from 19.00	

Registration, welcome cocktail, conference dinner on Wednesday, all scientific sessions and coffee breaks will take place **in Hotel Rila**.

Conference dinner:

- Its cost is included into the accommodation fee for the participants **staying in Hotel Rila**.
- Participants **staying in other residences** and willing to take part in the conference dinner are **to pay an additional fee amounting to 20 EUR** (at the registration or otherwise).

Regular meals (all breakfasts and lunches as well as dinners on Sunday, Monday, Tuesday and Thursday) are covered by the accommodation fee for the participants **staying in Hotel Rila**.

No meals (apart from welcome cocktail and coffee breaks) are covered by the conference fee for participants **staying outside of Hotel Rila** (who did not pay the accommodation fee).

SCIENTIFIC PROGRAM

Monday June 17th

Morning session 8.30 - 12.30

Subsession I: Opening ceremony. Nanoparticles and nucleation.

Opening ceremony

D. Mandler "A Different Approach for Electrochemical Deposition: Starting with Nanomaterials as the Building Blocks"

V.M. Mirsky "Detection and analysis of sub-micrometer particles by means of wide field surface plasmon microscopy"

V.K. Laurinavichyute "Application of wide field surface plasmon microscopy for analysis of initial stages of electrochemical nucleation"

Coffee break

Subsession II: Electroactive polymers I

T.V. Magdesieva "Targeted electrooxidation of Bulky Donor/Acceptor Diarylamines: a convenient route to multifunctional redox active materials"

P. Mussini ""Inherently chiral" electrode surfaces: stereogenic elements and enantiodiscrimination performances"

T. Ozturk "Synthesis and Properties of Polythienothiophene and Dithienothiophene Possessing Pendant Alkyl and Triphenylamine Groups"

Lunch 12.30 - 14.00

Afternoon session 14.00 - 18.00

Subsession I: Electroactive polymers and oligomers II

M.A. Vorotyntsev "Synthesis of novel transition-metal containing representatives of the polyporphine family"

E. Sezer "Capacitive and electrochromic behaviours of polymers based on thiophene, 3,4-(ethylenedioxy)thiophene and electron-withdrawing group substituted phenyldithienothiophene"

P. Rapta "Redox Properties of Thienoacene-Extended Tetrathiafulvalenes studied by EPR/UV-vis-NIR Spectroelectrochemistry"

Coffee break

Subsession II: Electroactive polymers III

J. Heinze "Charging/Discharging Phenomena of Conducting Polymers - An Overview of Recent Studies?"

L. Ruhlmann "Photoelectrochemical properties of original hybrid organic – inorganic porphyrin – polyoxometalate copolymers: from flat to mesoporous ITO electrodes"

A.A. Nekrasov "Angular Dependence in Raman Spectroelectrochemistry of Conducting Polymer Films"

Dinner from 18.00

Oral Poster Session from 19.00

Tuesday June 18th

Morning session 8.30 - 12.30

Subsession I: Electroactive polymers IV

T. Schoetz "Understanding the charge storage mechanism of conductive polymers as hybrid battery-capacitor materials in ionic liquids"

A. Paillet "Deepening of the characterisation of the electrochemo-mechanical behavior of conducting polymers using electrochemical atomic force microscopy"

J.P. Correia "Evaluation of the pseudocapacitive doping character of PEDOT:PSS towards Na⁺ exchange. Discrimination of the mass transfer processes by coupling EQCM and PBD data"

Coffee break

Subsession II: Electroactive polymers V

A.R. Hillman "Effect of deposition electrochemical control function on solvent content and spatial profile within conducting polymer films"

O.L. Gribkova "The role of polyelectrolytes during electrosynthesis of conductive polymers"

P. Chulkin "Electrochemical impedance spectroscopy monitoring of charge transport in conductive polymer film"

Lunch 12.30 - 14.00

Afternoon session 14.00 - 18.00

Subsession I: Applications of electroactive polymers and composites I

M. Sjodin "Conducting Redox Polymers as Electrical Energy Storage Materials"

O.V. Levin "Organometallic electrode materials for new generation of batteries"

B. Gupta "Bipolar Activity of Conducting Polymers to Induce Wireless Electromechanical Deformation"

Coffee break

Subsession II: Applications of electroactive polymers and composites II

P.J. Kulesza "Hybrid Electrocatalytic and Photoelectrochemical Materials for Selective Conversion of Carbon Dioxide to Fuels and Utility Chemicals"

A.S. Viana "Electrosynthesis of biomimetic poly(catecholamine) films with tunable properties for biosensing applications"

V. Karabozhikova "Electroanalytical determination of caffeic acid and tryptophan on PEDOT-modified electrodes"

Dinner from 18.00

Poster Exposition I from 19.00

Wednesday June 19th

Morning session 8.30 - 12.30

Subsession I: Inorganic electroactive materials I

I.A. Rutkowska "Mixed-Metal-Oxide-Supports for Noble Metal Nanoparticles: Enhancement of Electrocatalytic Oxidation of Simple Organic Fuels"

Qingli Hao "Electrochemical Reduction of CO₂ to Ethanol by Nanocomposite catalysts"

S. Morin "Nanostructured mixed transition metal spinel oxide thin films as efficient electrocatalysts – composition, structure and properties"

V.V. Kuznetsov "Promising nPt.mRu(H_{x-2n-3m}MoO₃) catalysis for both carbon monoxide and methanol oxidation reactions"

Coffee break

Subsession II: Inorganic electroactive materials II

M. Longhi "Synergistic Effects of Active Sites Nature and Hydrophilicity on Oxygen Reduction Reaction Activity of Pt-Free Catalysts"

C. Zanardi "Role of oxidized functional groups in the electrocatalytic properties of carbon-based nanomaterials"

L. Falcioia "Insulating" and mesoporous solid-templated silica films: electroanalytical signal amplification and selectivity properties"

N. Cioffi "Electrodecoration of iron oxide nanoparticles with bioactive nanophases for 3rd generation targeted nanoantimicrobials"

Lunch 12.30 - 14.00

Excursion / Relaxation (after lunch)

Conference dinner (from 19.00 in Hotel Rila)

Thursday June 20th

Morning session 8.30 - 12.40

Subsession I: Inorganic electroactive materials III

D. Aurbach "New Horizons of EQCM-D-Based Surface-Acoustic-Wave Spectroscopy for Energy Storage and Conversion"

R. Stoyanova "Electrode Materials for Hybrid Metal Ion Batteries"

Yongyao Xia "Li Storage in a Low Intercalation Potential $\text{Li}_2\text{TiSiO}_5$ "

Coffee break

Subsession II: Inorganic electroactive materials IV

A.V. Kubarkov "Functional binders based on electron- and ion-conducting polymers for Li-ion battery electrodes"

Xaogang Zhang "Two-dimensional porous carbon materials for high-performance supercapacitors"

S. Ivanov "Electrochemical Deposition of Silicon From Sulfolane Electrolytes"

V. Khomenko "On the Processes of Migration and Diffusion in the Systems with Solid-State Reagents"

Lunch 12.20 - 13.50

Afternoon session 14.10 - 18.00

Subsession I: Miscellaneous. Composite electroactive materials I

F. Scholz "Electrochemical Age Determinations"

P.G. Pickup "Pt/metal oxide/carbon composite films for ethanol oxidation"

E.V. Zolotukhina "Selective Electrooxidation of Formaldehyde and Acetic Aldehyde in the Presence of Alcohols on Palladium-Polypyrrole Composites"

Coffee break

Subsession II: Composite electroactive materials II

G. Ragoisha "Capacitive and non-capacitive currents in electroactive systems"

V. Kondratiev "Poly(3,4-ethylenedioxythiophene)/tungsten oxide composites for high rate performance supercapacitor electrodes"

R. Holze "Benefits from two worlds: Composites of intrinsically conducting polymers and metal oxides as supercapacitor electrode materials"

Dinner from 18.00

Poster Exposition II from 19.00

Friday June 21st

Morning session 8.30 - 11.30:

Composite and hybrid electroactive materials III. Closing ceremony

A. Pron "UV-vis-NIR, Raman and EPR spectroelectrochemistry of organic semiconductors and their hybrids with inorganic semiconductor nanocrystals"

M. Skompska "Photocatalytic and photoelectrocatalytic application ZnO/TiO₂ core-shell composite decorated with Au nanoparticles"

M. Jouini "Photo-Electrode Hybrid Materials for Energy-Related Applications"

A. Kormányos "Effect of composition and applied bias on charge carrier dynamics in metal-oxide/nanocarbon hybrid photoelectrodes"

A. Fedorczyk "Synthesis and Electrocatalytic Properties of Poly(1,8-diaminocarbazole)/Bimetallic Nanoparticles Composites"

Closing ceremony

Lunch 11.30 - 12.30

Departures